

AMENDMENTS TO THE SPECIFICATION

Replace paragraph [0018] on page 4 with the following paragraph:

[0018]

BRIEF DESCRIPTION OF THE DRAWINGS

FIG. 1(A) is a cross sectional view of a first representative device for detecting a rotational angle; and

FIG. 1(B) is a vertical sectional view of the first representative device; and

FIGS. 2(A), 2(B), and 2(C), are cross sectional views similar to FIG. 1(A), but illustrating various configurations of magnetic field lines that may be produced when the angular range of magnets of the first representative device is varied; and

FIG. 3 is a graph illustrating the relation between the angular range of the magnets and an error of the detected angle when the position of a sensor of the first representative device has been offset from the center; and

FIG. 4 is a cross sectional view similar to FIG. 1(A) but showing a second representative device for detecting a rotational angle; and

FIG. 5 is a cross sectional view of a known device for detecting a rotational angle; and

FIG. 6 is a cross sectional view of another known device for detecting a rotational angle.

FIG. 7 is an IC of the sensor having a self-contained control unit.